

CORRECTED VERSION

INTERNATIONAL SEARCH REPORT

International Application No

PCT/BE2005/000001

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| A. CLASSIFICATION OF SUBJECT MATTER B29C59/02 B29C35/08 B32B31/00 C09J7/02 B29D11/00 | | |
| According to International Patent Classification (IPC) or to both national classification and IPC | | |
| B. FIELDS SEARCHED | | |
| Minimum documentation searched (classification system followed by classification symbols) B29C B32B C09J B29D C08J | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | |
| Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | WO 97/43319 A (DATACARD CORP) 20 November 1997 (1997-11-20) page 1, line 6 - page 3, line 25 page 9, line 26 - page 10, line 10 page 15, lines 7-25 page 24, lines 6-18 claims 1-7b; abstract | 1-25 |
| A | US 4 986 496 A (MORRIS T L ET AL) 22 January 1991 (1991-01-22) column 1, line 12 - column 2, line 44 column 6, line 44 - column 7, line 29 claims 1-17; figures 1-9 | 1-25 |
| -/-- | | |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. | | |
| * Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family | | |
| Date of the actual completion of the international search 6 July 2005 | | Date of mailing of the international search report 13. 01. 2006 |
| Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | | Authorized officer Brunold, A |

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| A | EP 0 382 420 A (MINNESOTA MINING & MFG) 16 August 1990 (1990-08-16) page 2, line 47 - page 3, line 51 page 9, line 54 - page 10, line 52 abstract; claims 1-29; figure 1 ----- | 1-25 |
| A | US 5 133 516 A (MORRIS T L ET AL) 28 July 1992 (1992-07-28) column 1, line 11 - column 2, line 46 column 6, line 44 - column 7, line 44 claims 1-4; figures 1-9 abstract ----- | 1-25 |
| A | US 5 814 355 A (BENSON JR O ET AL) 29 September 1998 (1998-09-29) column 1, line 11 - column 2, line 61 column 14, line 38 - column 15, line 57 column 17, lines 34-65 column 18, line 57 - column 19, line 52 column 21, lines 32-39 claims 1-32; figures 1-16b abstract ----- | 1-25 |
| A | EP 0 426 441 A (SHARP KK) 8 May 1991 (1991-05-08) column 1, line 20 - column 3, line 40 column 6, lines 12-39 column 8, line 52 - column 9, line 24 claims 1-13; figures 1A-4C abstract ----- | 1-25 |
| A | US 5 254 390 A (LU SHIH-LAI) 19 October 1993 (1993-10-19) column 1, line 14 - column 2, line 53 column 5, line 50 - column 6, line 39 column 7, lines 34-58 claims 1-22; figures 1-4 abstract ----- | 1-25 |
| X | WO 99/55791 A (MINNESOTA MINING AND MANUFACTURING COMP) 4 November 1999 (1999-11-04) page 1, lines 17-29 page 4, line 15 - page 6, line 10 page 8, line 4 - page 9, line 34 page 16, line 22 abstract; claims 1,3; figure 3 ----- | 26-32 |
| A | US 2004/216833 A1 (FLEMING D L ET AL) 4 November 2004 (2004-11-04) paragraphs [0002], [0003] paragraphs [0005] - [0022] paragraphs [0033], [0038], [0039] abstract; figures 1-6 ----- | 26-32 |
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| A | WD 98/18878 A (MINNESOTA MINING AND MANUFACTURING COMP) 7 May 1998 (1998-05-07) page 7, line 14 - page 8, line 9 abstract; figures 1,1a,1b ----- | 26-32 |
| A | US 2003/082326 A1 (YANG JIE ET AL) 1 May 2003 (2003-05-01) paragraphs [0005] - [0007] paragraphs [0046] - [0053] abstract; figures 1-3 ----- | 26-32 |
| A | US 2003/221770 A1 (MEIXNER L A ET AL) 4 December 2003 (2003-12-04) abstract; figures 1,2 ----- | 26-32 |
| L | EP 1 550 546 A (MACTAC EUROPE S.A.) 6 July 2005 (2005-07-06) < document may throw doubts on priority claims, Art. 4(C)(4) of Paris Convention, cf. also PCT/GL/ISPE/1-IV 16.69(a) > page 2, line 3 - page 12, line 37 abstract; claims 1-23; figures 1-4 ----- | 1-23,25 |

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-25

Independent claims 1 and 2 refer to a method of forming a three-dimensional microstructure on a surface of a support and of microstructuring of a flexible surface of a substrate; independent claim 25 refers to a three-dimensionally microstructured film being manufactured by said method(s).

2. claims: 26-32

Independent claim 26 discloses a multilayer sheet comprising a flexible support (comprising a first and second layer of silicone) and a flexible substrate having a proximate first surface and opposing distal second surface.

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